

# Numeracy Practice Test

## Year 5



### 2010 Practice Test 1

#### Student Details

First Name

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Last Name

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Today's Date is: \_\_\_\_\_

#### Test Instructions

You have 50 minutes to complete this test.

You are **NOT allowed** to use a calculator.

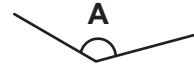
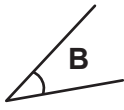
You should use a pencil to write your answers or shade in the bubble.

If you make a mistake, rub it out thoroughly.

*The following test has been designed by 3P Learning to prepare students for the National Assessment Program Numeracy Test. This test is to be used for revision purposes only. 3P Learning does not guarantee that the format of this test is the same as an actual test.*

# 2010 Numeracy Practice Test 1

- 1 Write the letters A, B, C, D to order these angles from smallest to largest.



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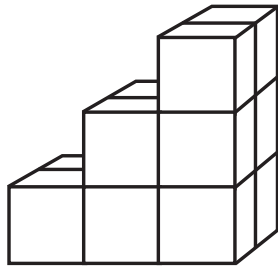
smallest

largest

Write one letter in each box.



- 2 This model is made using cubes.



How many cubes are in this model?

6

☐

8

☐

10

☐

12

☐

Shade one bubble.



- 3 Which number is five hundred and thirteen?

513

☐

530

☐

5 113

☐

533

☐

Shade one bubble.



- 4 Here is a number pattern. Which number is missing?



6

☐

10

☐

12

☐

16

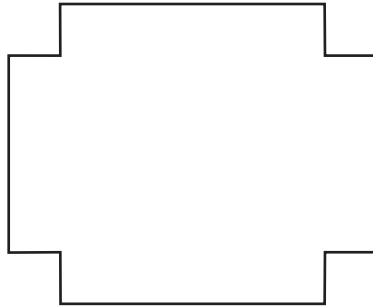
☐

Shade one bubble.



# 2010 Numeracy Practice Test 1

5 How many lines of symmetry does this shape have?



1  
☐

2  
☐

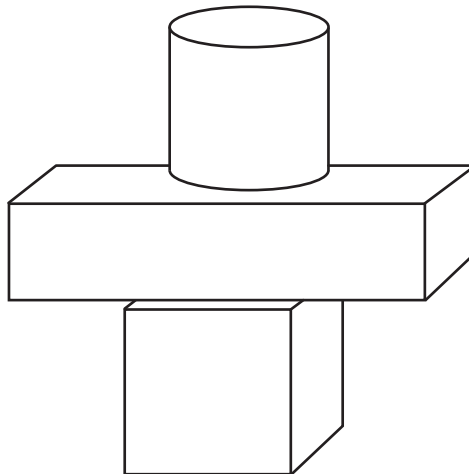
3  
☐

4  
☐

Shade one bubble.



6 Leo balanced some blocks. Which shape did he not use?



☐ Cube

☐ Cylinder

☐ Cone

☐ Prism

Shade one bubble.



7 This table shows students in Year 5 who wear a watch and those who do not wear a watch.

	Watch	No Watch
Boys	15	10
Girls	18	12

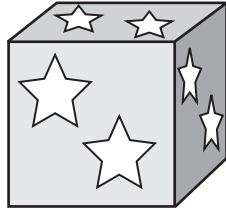
How many students do not wear a watch?

Write the answer  
in the box.



# 2010 Numeracy Practice Test 1

- 8 This cube has the same pattern on all of its faces.



How many stars are on this cube altogether?

- 6                      8                      10                      12
- ☐                      ☐                      ☐                      ☐

Shade one bubble.



- 9 Mish put circles around part of a hundreds chart to show a pattern.

Her pattern is: 3, 6, 9, 12, 15, ...

What is the 12th number in Mish's pattern?

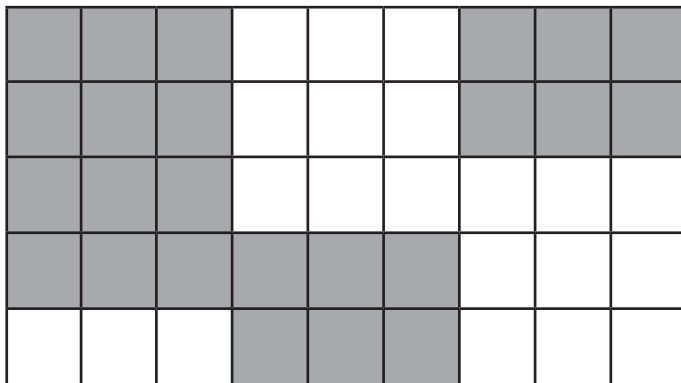
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

- 33                      36                      39                      42
- ☐                      ☐                      ☐                      ☐

Shade one bubble.



- 10 The total shaded area of this grid in square units is:



= 1 square unit

- 21                      22                      23                      24
- ☐                      ☐                      ☐                      ☐

Shade one bubble.



# 2010 Numeracy Practice Test 1

11  $2\,412 \div 4 = \boxed{?}$

6 003

☐

630

☐

603

☐

63

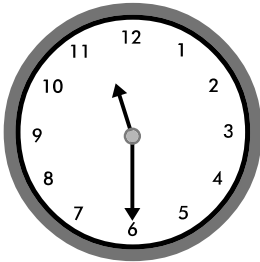
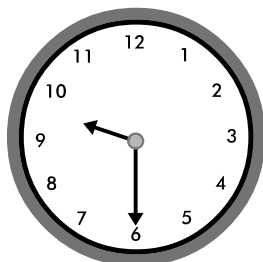
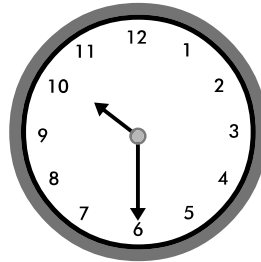
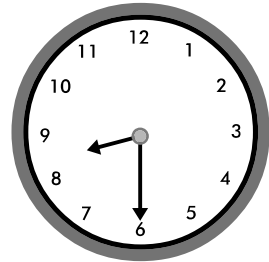
☐

Shade one bubble.



12 Which clock shows 9:30 am?

Shade one bubble.

☐☐☐☐

13 Rick has 4 red apples and 4 green apples. When he puts 6 of these apples in a bag, the apple is more likely to be red. The bag could contain:

☐ 1 red and 5 green

☐ 3 red and 3 green

☐ 4 red and 2 green

☐ 2 red and 4 green

Shade one bubble.



14 Raj buys 2 apples and 1 drink. How much does this cost?



Apples: 65c each



Drinks: 70c each

\$1.30

☐

\$1.40

☐

\$2.00

☐

\$2.05

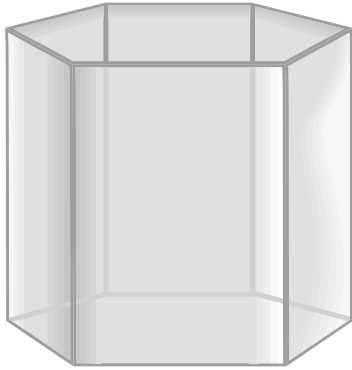
☐

Shade one bubble.



# 2010 Numeracy Practice Test 1

15 This 3D model is:



- ☐ A hexagonal pyramid
- ☐ A hexagonal prism
- ☐ An octagonal prism
- ☐ An octagonal pyramid

Shade one bubble.



16 Which number is smaller than 2.02?

2.2



2.30



2.14



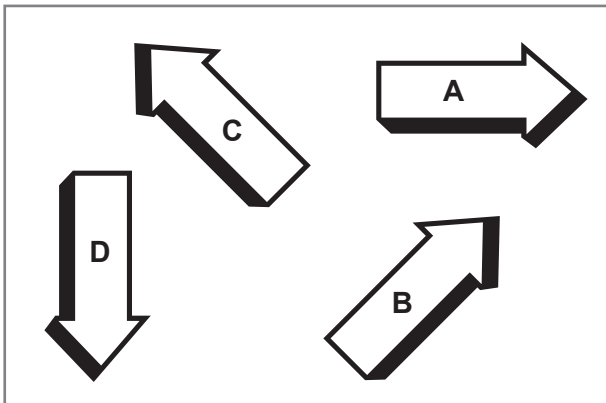
2.01



Shade one bubble.



17 In the diagram arrow D is pointing south.



Which direction is arrow A pointing in?

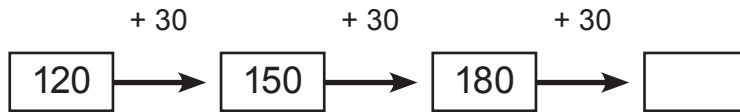
- ☐ North
- ☐ South
- ☐ East
- ☐ West

Shade one bubble.



# 2010 Numeracy Practice Test 1

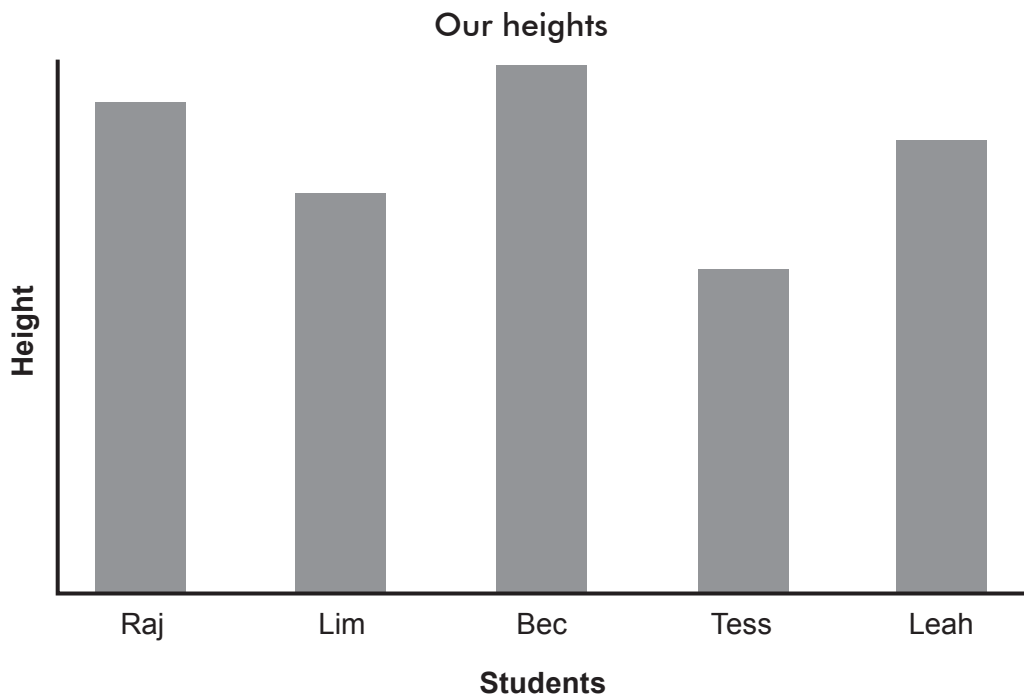
18 What is the next number in this pattern?



Write the answer in the box.



19 This graph shows the heights of some students.



Which statement is true?

- ☐ Raj is taller than Bec
- ☐ Tess is the tallest
- ☐ Bec is the shortest
- ☐ Tess is the shortest

Shade one bubble.



20 Write the missing number:

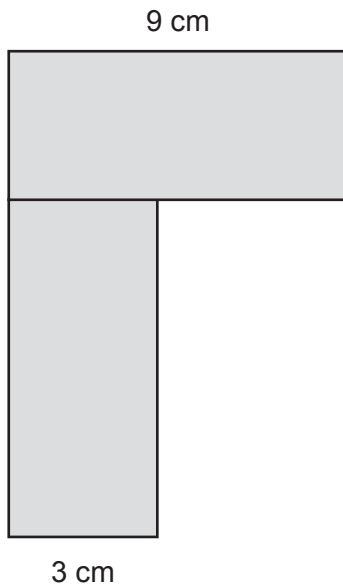
$$2 \times \boxed{\phantom{00}} = 4 \times 4$$

Write one number in the box.



# 2010 Numeracy Practice Test 1

- 21 This shape is made up of two identical rectangles. What is the perimeter of the new shape?

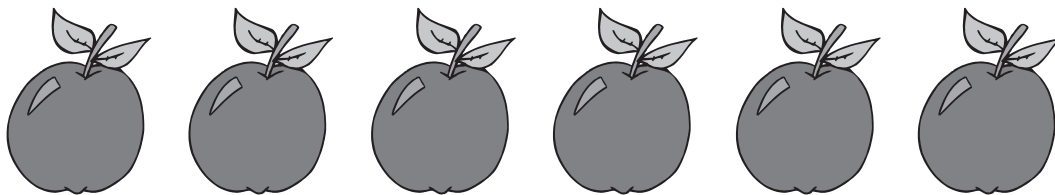


- ☐ 36 cm
- ☐ 38 cm
- ☐ 42 cm
- ☐ 45 cm

Shade one bubble.



- 22 A fruit shop owner made a display with some apples.

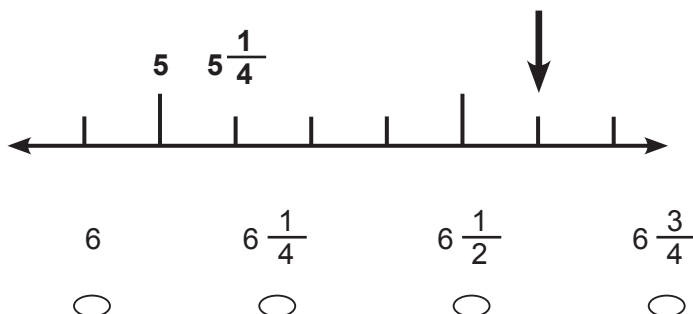


He placed 6 in a row and made 4 rows. How many apples were in the display altogether?

Write the answer in the box.



- 23 Which number goes where the arrow is pointing?



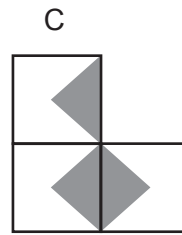
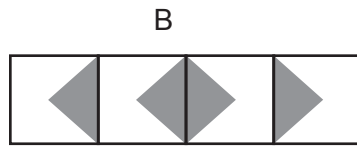
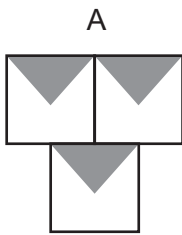
Shade one bubble.





# 2010 Numeracy Practice Test 1

**24** Which shape and its pattern has no lines of symmetry?



A  
☐

B  
☐

C  
☐

D  
☐

Shade one bubble.



**25** Eve spent \$22 on a book for her dad, \$36 on hand cream for her mum and \$18 on a kite for herself.

Which number sentence will give the best estimate of the total cost?

☐  $\$20 + \$30 + \$10$

☐  $\$20 + \$30 + \$20$

☐  $\$20 + \$40 + \$10$

☐  $\$20 + \$40 + \$20$

Shade one bubble.



**26** Tamsin multiplied 48 by a number. She got 96 as the answer. What number did she multiply by?

5  
☐

4  
☐

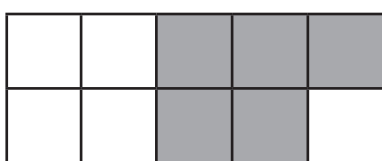
3  
☐

2  
☐

Shade one bubble.



**27** What fraction of this shape is shaded?

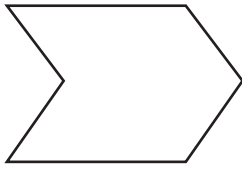



Write one number in each box.

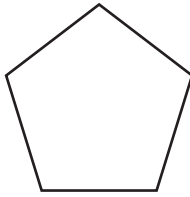


# 2010 Numeracy Practice Test 1

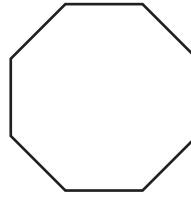
28 Which of these shapes is a pentagon?



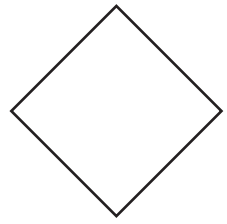
A



B



C



D



Shade one bubble.



29 How many times could this carton of milk fill this 250 mL glass?



250 mL

Write the answer in the box.

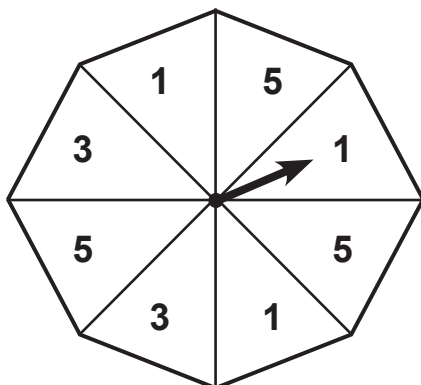


30 What is the largest 4 digit number that you can make using these cards?

Write one number in the box.



31 What is the chance that the arrow will land on a 5?



☐  $\frac{4}{8}$

☐  $\frac{3}{8}$

☐  $\frac{2}{8}$

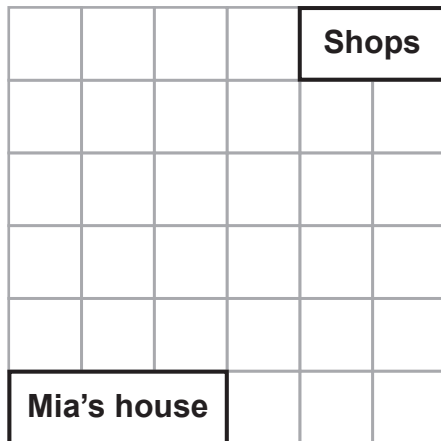
☐  $\frac{1}{8}$

Shade one bubble.



# 2010 Numeracy Practice Test 1

- 32** The shortest distance from Mia's house to the shops is:



Scale



1 cm = 1 km

4 cm

☐

5 cm

☐

4 km

☐

5 km

☐

Shade one bubble.



- 33** Which numbers are in order from smallest to largest?

☐ 129, 239, 130

☐ 521, 647, 526

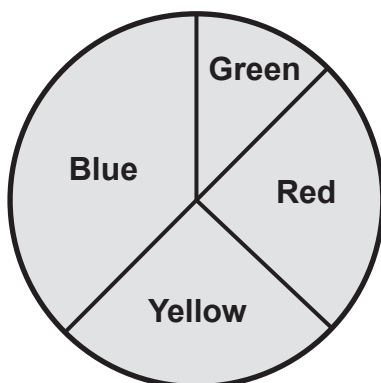
☐ 257, 311, 193

☐ 469, 493, 512

Shade one bubble.



- 34** This pie graph shows the favourite colours of 100 people.  
How many people like red the best?



80

☐

25

☐

50

☐

75

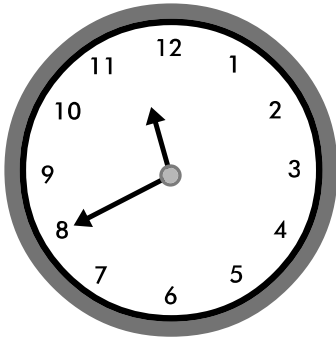
☐

Shade one bubble.



# 2010 Numeracy Practice Test 1

- 35 Which is the next bus I can catch according to the time on the clock?



Bus times	
Bus A	11:12
Bus B	11:27
Bus C	11:42
Bus D	11:57

Bus A

☐

Bus B

☐

Bus C

☐

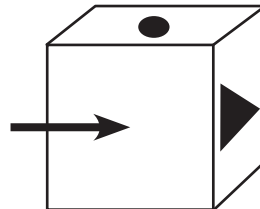
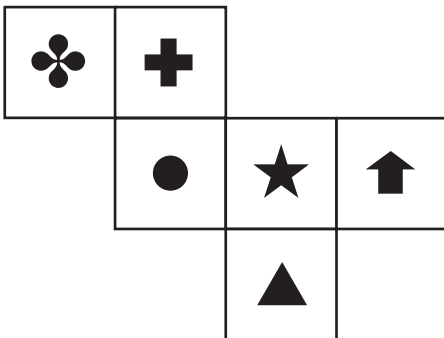
Bus D

☐

Shade one bubble.



- 36 A cube is made from the following net. Which shape goes on the face where the arrow is pointing?


☐

☐

☐

☐

Shade one bubble.



- 37 Add a number to make this number sentence true.

5	1	1
---	---	---

+

2	
---	--

=

5	4	0
---	---	---

Write one number in the box.



# 2010 Numeracy Practice Test 1

- 38** A group of 64 children went to the beach for a picnic. 35 went swimming.  
How many did not go swimming?

28                      29                      30                      31

☐                      ☐                      ☐                      ☐

Shade one bubble.



- 39** A rope is 6 metres long. This is the same as:

☐ 6 cm

☐ 60 cm

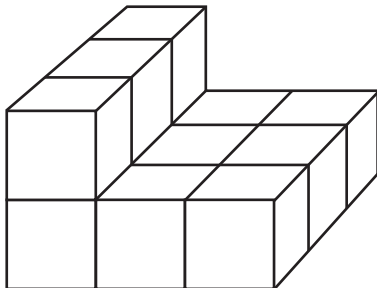
☐ 600 cm

☐ 7 000 cm

Shade one bubble.



- 40** Chan added some small cubes to this shape to make a large cube.



How many did he add to make this larger cube?

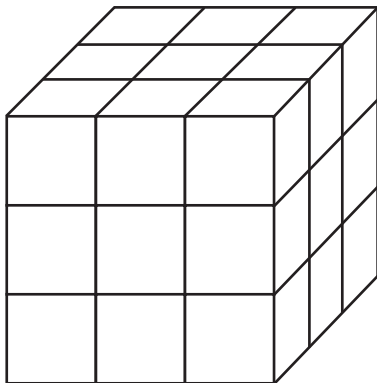
☐ 18

☐ 15

☐ 14

☐ 6

Shade one bubble.



## END OF TEST